

## Message

**From:** Brent Ritchie [JRitchie@manniksmithgroup.com]  
**Sent:** 12/22/2017 6:17:59 PM  
**To:** Kimble, Jeffrey [kimble.jeffrey@epa.gov]  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

I will incorporate this review. Just a couple things I wanted to clear up with you regarding Kim's response.

The sampling precautions that Kim provided earlier are incorporated in the SOP which is referenced in the SAP, is that acceptable?

You and I had previously discussed the sampling in triplicate issue and decided that we were just sampling each location as 1 sample (as noted on the COC) but providing 3 bottles, is that still correct or do we need to sample each of the CRL samples as 3 separate samples with 3 bottles each (as I believe is being suggested by Kim)?

Thanks

Brent Ritchie, MS  
 Senior Project Geologist  
 The Mannik & Smith Group, Inc.

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**From:** Kimble, Jeffrey [mailto:kimble.jeffrey@epa.gov]  
**Sent:** Friday, December 22, 2017 1:12 PM  
**To:** Brent Ritchie  
**Subject:** FW: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

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**From:** Harris, Kimberly  
**Sent:** Friday, December 22, 2017 12:17 PM  
**To:** Kimble, Jeffrey <kimble.jeffrey@epa.gov>; Wilson, Jennifer <wilson.jenniferA@epa.gov>  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Another note – I might have missed it but I don't see in the QAPP a list of sampling precautions that I provided earlier this week.  
 Such as:

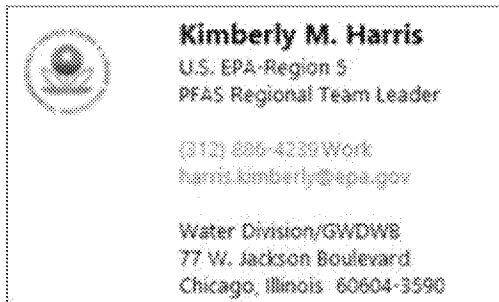
- Avoid wearing new clothing – clothing that has been washed at least 6-10 times during your ownership is best to wear during sampling. No fabric softener should be used in wash prior to sampling event.
- Avoid wearing clothing materials such as Gore-Tex on the label. Generally, any clothing that has an outer shell that is waterproof, water-resistant, or stain-resistant is not acceptable. Natural fibers, such as cotton clothing are acceptable.
- Avoid using aluminum foil.

*-Avoid self-sticky memos.*

*-Avoid consuming pre-wrapped food (i.e., fastfood).*

*-Where use of the above items (e.g., 2-5) has occurred, consider protective/decontamination (e.g., handwashing procedures).*

Thanks,  
Kim




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**From:** Harris, Kimberly  
**Sent:** Friday, December 22, 2017 11:10 AM  
**To:** Kimble, Jeffrey <[kimble.jeffrey@epa.gov](mailto:kimble.jeffrey@epa.gov)>; Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Hi Jeff,

Due to time limit, unable to review everything. Reviewed the two documents (edits and comments within each). Two major notes: Wolverine installed monitoring wells at both the House Street and Tannery. Not clear in docs if monitoring well sampling will be conducted at Tannery, House Street or both? Also, SAP notes that sampling will occur in triplicates (also, I believe Larry strongly suggested this). However, number of samples totaled in QAPP doesn't match with SAP.

Thanks,  
Kim




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**From:** Harris, Kimberly  
**Sent:** Friday, December 22, 2017 9:30 AM  
**To:** Kimble, Jeffrey <[kimble.jeffrey@epa.gov](mailto:kimble.jeffrey@epa.gov)>; Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>; Zintek, Lawrence <[zintek.lawrence@epa.gov](mailto:zintek.lawrence@epa.gov)>; Wroble, Amanda <[wroble.amanda@epa.gov](mailto:wroble.amanda@epa.gov)>; Donnelly, Peggy <[donnelly.peggy@epa.gov](mailto:donnelly.peggy@epa.gov)>  
**Cc:** Mankowski, Matthew <[mankowski.matthew@epa.gov](mailto:mankowski.matthew@epa.gov)>; El-Zein, Jason <[el-zein.jason@epa.gov](mailto:el-zein.jason@epa.gov)>  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Hi Jeff – I'm in the process of reviewing them now and will get comments (if any) to you by noon EST.

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**From:** Kimble, Jeffrey  
**Sent:** Friday, December 22, 2017 8:03 AM  
**To:** Harris, Kimberly <[harris.kimberly@epa.gov](mailto:harris.kimberly@epa.gov)>; Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>; Zintek, Lawrence <[zintek.lawrence@epa.gov](mailto:zintek.lawrence@epa.gov)>; Wroble, Amanda <[wroble.amanda@epa.gov](mailto:wroble.amanda@epa.gov)>; Donnelly, Peggy <[Donnelly.Peggy@epa.gov](mailto:Donnelly.Peggy@epa.gov)>  
**Cc:** Mankowski, Matthew <[mankowski.matthew@epa.gov](mailto:mankowski.matthew@epa.gov)>; El-Zein, Jason <[el-zein.jason@epa.gov](mailto:el-zein.jason@epa.gov)>  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Can all of you let me know if you've seen this message and if you will be getting me comments by noon?? I have only heard from Peggy

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**From:** Kimble, Jeffrey  
**Sent:** Thursday, December 21, 2017 2:10 PM  
**To:** Harris, Kimberly <[harris.kimberly@epa.gov](mailto:harris.kimberly@epa.gov)>; Wilson, Jennifer <[wilson.jenniferA@epa.gov](mailto:wilson.jenniferA@epa.gov)>; Zintek, Lawrence <[zintek.lawrence@epa.gov](mailto:zintek.lawrence@epa.gov)>; Wroble, Amanda <[wroble.amanda@epa.gov](mailto:wroble.amanda@epa.gov)>; Donnelly, Peggy <[donnelly.peggy@epa.gov](mailto:donnelly.peggy@epa.gov)>  
**Cc:** Mankowski, Matthew <[mankowski.matthew@epa.gov](mailto:mankowski.matthew@epa.gov)>; El-Zein, Jason <[el-zein.jason@epa.gov](mailto:el-zein.jason@epa.gov)>  
**Subject:** FW: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

All –

Please provide comments to these to me by 11 am CST (Noon EST) tomorrow so we can finalize these documents by COB tomorrow.

- call with questions

SOPs will come in a separate email for your reference  
 Thank you,

Jeff Kimble, EPA OSC  
 Ph (734) 692-7688  
 Cell { **Ex. 6 - Personal Privacy** }  
 9311 Groh Road, Grosse Ile, MI 48138

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**From:** Brent Ritchie [<mailto:JRitchie@manniksmithgroup.com>]  
**Sent:** Thursday, December 21, 2017 12:51 PM  
**To:** Kimble, Jeffrey <[kimble.jeffrey@epa.gov](mailto:kimble.jeffrey@epa.gov)>  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Jeff,

I incorporated your changes and also made similar changes within the QAPP wherever the information overlapped.

Brent Ritchie, MS  
Senior Project Geologist  
The Mannik & Smith Group, Inc.

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**From:** Kimble, Jeffrey [<mailto:kimble.jeffrey@epa.gov>]  
**Sent:** Thursday, December 21, 2017 11:28 AM  
**To:** Brent Ritchie  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

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**From:** Brent Ritchie [<mailto:JRitchie@manniksmithgroup.com>]  
**Sent:** Thursday, December 21, 2017 10:29 AM  
**To:** Kimble, Jeffrey <[kimble.jeffrey@epa.gov](mailto:kimble.jeffrey@epa.gov)>  
**Cc:** Kevin Scott <[Kevin.Scott@tetrattech.com](mailto:Kevin.Scott@tetrattech.com)>; Dirgo, John <[John.Dirgo@tetrattech.com](mailto:John.Dirgo@tetrattech.com)>; Burns, Chris <[chris.burns@tetrattech.com](mailto:chris.burns@tetrattech.com)>; [Lori.Kozel@tetrattech.com](mailto:Lori.Kozel@tetrattech.com)  
**Subject:** RE: Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Jeff,

Attached are the SOPs for the SAP that you had mentioned you did not receive as I originally sent them in a zip file.

Thanks

Brent Ritchie, MS  
Senior Project Geologist  
The Mannik & Smith Group, Inc.

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**From:** Brent Ritchie  
**Sent:** Wednesday, December 20, 2017 11:12 PM  
**To:** 'Kimble, Jeffrey'  
**Cc:** 'Scott, Kevin'; 'Dirgo, John'; 'Burns, Chris'; [Lori.Kozel@tetrattech.com](mailto:Lori.Kozel@tetrattech.com)  
**Subject:** Wolverine World Wide Tannery Site Draft QAPP and SAP for review

Jeff

Attached please find the draft SAP and QAPP for the Wolverine World Wide Tannery Site for your review. Please note that an SOP is missing from the attached zip file but I won't be able to track it down until the morning. Additionally, we reached out to CRL folks to obtain the reporting limits for Worksheet #15 yesterday but we have yet to get the information needed to fill out that table. We have left that section highlighted but wanted to get this in your hands for review while that is being sorted out.

Please contact me with any questions, we look forward to your comments.

Thanks

Brent Ritchie, MS  
Senior Project Geologist  
The Mannik & Smith Group, Inc.

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